

DURABLE PRINTED COMPOSITE MATERIALS AND ASSOCIATED METHODS

ABSTRACT OF THE DISCLOSURE

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A durable printed composite material can include a printable layer having an image reverse printed thereon. The printable layer can be a transparent or translucent material. A metallic layer can be adhered to the image side of the printable layer using an adhesive layer. The layers are formed such that at least a portion of the metallic layer is visible through the printable layer. A method of forming a durable printed composite material can include reverse printing an image on a printable layer to form a printed surface. A metallic layer can then be adhered to the printed surface of the printable layer. Heat and pressure can be applied to the metallic layer to produce a durable printed composite material.

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15 The metallic layer can be at least partially visible through the printable layer. The durable printed composite material provides a medium which has an image having a reflective metallic background useful in a variety of applications.